

REMARKS

Claims 1, 2, and 4-13 are pending in the application.

Claims 12 and 13 are supported by applicant's specification. For example Figures 7-12.

Illustrative Example

As illustrated in Fig. 5, a subscriber unit 1 is to be able to reach five base stations 11, 21, 31, 41, and 42 deployed in four adjacent areas 10, 20, 30, and 40.

Here, the "areas" are defined for location registration and accounting purposes (see specification page 2, lines 8-11).

Any of those radio base stations could offer a high reception level to the subscriber unit 1, depending on their distances.

If for example base station 31 has the highest reception level and the subscriber unit requests registration with base station 31, the registration may be denied depending on some condition, for example base station 31 provides enhanced services which the subscriber unit does not subscribe to. (Page 13, line 16 to page 14, line 21).

The denial of registration is described in, for example, the specification, page 9, lines 13-18 ("In the recognition control, ... if a location registration denial signal received, the corresponding radio base station is judged to be outside the area.").

Therefore if the registration was denied, at a future time, the subscriber unit will not try to register to the base station, even though base station 31 may have the highest signal strength because registration with base station 31 was previously denied.

This is why the base stations 11, 21, and 31 in the other areas 10, 20, and 30 deny the location registration requests from the subscriber unit 1.

Therefore the next time the subscriber unit 1 is to be able to reach five base stations 11, 21, 31, 41, and 42 deployed in four adjacent areas 10, 20, 30, and 40, (page 15, line 14 to page 16, line 3).

the radio base station detecting means detects radio base stations from which a radio wave can be received (five base stations 11, 21, 31, 41, and 42) and recognizes an area number of radio base stations of which location registration is permitted (area 40) and extracts radio base stations with said area number from among the detected radio base stations (base stations 41 and 42). (emphasis added).

In one example embodiment, the decision of whether to return a location registration denial signal is made on the network side (i.e., by the base station control device, for example). This is described in the specification, page 12, lines 16-26, with reference to Fig. 5. Also see page 16, line 11 to page 17, line 8.

Claim 12

It is respectfully submitted that the specification provides that a subscriber unit 1 establishes synchronicity with one radio base station from among radio base stations previously recognized in an area where registration is permitted.

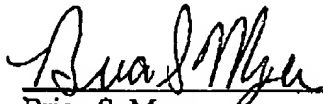
Synchronicity is established not with all base stations permitting registration, but with one base station. This is supported by steps S12 to S14 in the flowchart of Fig. 8 and their corresponding part of the specification, which is found on page 16, lines 11 to 26. In short, steps S12 to S14 allow a subscriber unit 1 to establish synchronicity with one radio base station 41 from among radio base stations 41 and 42 in a previously recognized area 40.

The prior art fails to teach the combination of features where location registration is denied for the second base station.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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Docket No.: FUJR 16.383 (100794-11287)

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